# of Work :Construction of CC Drain from Maramma Temple Surrounding and Construction of CC drain anjaya house in Manjunatha Nagara Govt.Higher primary school Surroundings in Bagalagunte Ward No 14

em ode	Description Of item of work	Nos		Measurements Length	Breath	Depth	Quantity	Units	Rate	Amount
	2	3	4	5	6	7	8	9	10	11
19.1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **(P.No. 143/ I. No. 19.1 of CSR 2018-19)**									
	SILT CLEANING									
	MANJUNATHANAGARA 1ST CROSSS (W0506)	2	1	260.00	0.75	0.60	234.00			
	MANJUNATHANAGARA 2ND CROSSS (W0504)	2	1	256.00	0.60	0.60	184.32			
	MANJUNATHANAGARA 3RD CROSSS (W0502)	2	1	258.00	0.60	0.60	185.76			
	MANJUNATHANAGARA 4TH CROSSS (W0500)	2	1	269.00	0.60	0.60	193.68			
	MANJUNATHANAGARA 5TH CROSSS (W0498)	2	1	280.00	0.60	0.60	201.60			
	MANJUNATHANAGARA 6TH CROSSS (W0496)	2	1	322.00	0.60	0.60	231.84			
	MANJUNATHANAGARA 7TH CROSSS (W0492)	2	1	293.00	0.60	0.60	210.96			
	MANJUNATHANAGARA 8TH CROSSS (W0492)	2	1	368.00	0.60	0.60	264.96			
	NEW DRAIN DRAIN									
	MANJUNATHANAGARA NEW EXT(W0649)	2	1	197.00	1.10	1.00	433.40			
	DEFENCE COLONY 1STMAIN 1ST CROSS(W0753)	2	1	25.00	1.10	1.00	55.00			
	BAGALGUNTE 25TH CROSS(W0571)	2	1	150.00	1.10	1.00	330.00			
	COCONUT GARDEN 25TH CROSS(W0454))	2	1	30.00	1.10	1.00	66.00			
	NEW CD									
	VIJAYALAXMI LAYOUT 1ST CROSS	1	1	5.50	1.80	0.95	9.41			
	PHOENIX 2ND CROSS	1	1	5.00	1.80	0.95	8.55			
	SOAP FACTORY LAYOUT 2ND CROSS	1	1	7.40	1.80	0.95	12.65			
	NISARGA LAYOUT 3RD CROSS	1	1	8.00	2.00	0.95	15.20			
	BHUVANESHWARI NAGARA 11TH CROSS	1	1	6.00	1.80	0.95	10.26			
	NEAR MARAMMA TEMPLE	1	1	4.40	1.80	0.80	6.34			
				Total Qty			2653.93	Cum	137.80	3,65,710.87
	Basic Rate			130.0						
	A.W 6%			7.8						
	TOTAL RATE			137.8						
2 4.7	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **(P.No. 143/ I. No. 4.7 of CSR 2018-19)**									
	NEW DRAIN DRAIN									

	Description Of item of work	Nos		Measurements Length	Breath	Depth	Quantity	Units	Rate	Amount
	2	3	4	5	6	7	8	9	10	11
	JUNATHANAGARA NEW W0649)	2	1	170.00	1.10	0.15	56.10			
	NCE COLONY 1STMAIN 1ST SS(W0753)	2	1	25.00	1.10	0.15	8.25			
	ALGUNTE 25TH CROSS(W0571)	2	1	150.00	1.10	0.15	49.50			
	ONUT GARDEN 25TH SS(W0454)	2	1	30.00	1.10	1.00	66.00			
	N NEAR DHANANJAYA HOUSE	1	1	55.00	3.00	0.15	24.75			
	/ CD									
	YALAXMI LAYOUT 1ST CROSS	1	1	5.50	1.80	0.15	1.49			
	ENIX 2ND CROSS	1	1	5.00	1.80	0.15	1.35			
	P FACTORY LAYOUT 2ND CROSS	1	1	7.40	1.80	0.15	2.00			
	ARGA LAYOUT 3RD CROSS	1	1	8.00	2.00	0.15	2.40			
	VANESHWARI NAGARA 11TH CROSS	1	1	6.00	1.80	0.15	1.62			
	R MARAMMA TEMPLE	1	1	4.40	1.80	0.15	1.19			
				Total Qty			214.64	Cum	5714.99	12,26,671.17
1	Basic Rate	5309.0								
2	Old cement Rate	245.3								
3	cement constant	220.0								
4	Cement Cost in Basic Rate(2*3/50)	1079.4								
5	New Cement Rate	264.06								
6	New Cement Cost in Basic Rate(3*5/50)-per bag	1161.864								
	Finished Rate(1-4+6)	5391.5								
	A.W 6%	323.5								
	TOTAL RATE	5714.99								
59.2	Providing and laying palin / reinforced cement concrete for side drain using M20 nominal mix conncrete with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, well compacted for walls and bottom including centering,shuttering, cost of materials,HOM of machinery, curing etc complete excluding cost of steel as per MORTH Specification No. 1500,1700,2200 including cost of materials, labour, HOM complete as per specifications wall & botton thickness 15cm **(P.No. 271/ I. No. 37.59.2 of CSR 2018-19)**										
	R DRAIN									
	NJUNATHANAGARA NEW	2	1	170.00	0.90	0.15	45.90			
		2	2	170.00	0.15	0.60	61.20			
	GALGUNTE 25TH CROSS	2	1	150.00	0.90	0.15	40.50			
		2	2	150.00	0.15	0.60	54.00			
	AIN NEAR DHANANJAYA HOUSE	1	1	55.00	3.00	0.20	33.00			
		2	1	55.00	0.45	0.075	3.71			
	FENCE COLONY 1STMAIN 1ST CROSS	2	1	25.00	0.90	0.15	6.75			
		2	2	25.00	0.15	0.60	9.00			
	CONUT GARDEN 25TH OSS(W0454)	2	1	30.00	0.90	0.15	8.10			
		2	2	30.00	0.15	0.60	10.80			
	W CD									
	AYALAXMI LAYOUT 1ST CROSS	1	1	5.50	1.80	0.10	0.99			

em de	Description Of item of work	Nos		Measurements Length	Breath	Depth	Quantity	Units	Rate	Amount
	2	3	4	5	6	7	8	9	10	11
	ENIX 2ND CROSS	1	1	5.00	1.80	0.10	0.90			
	AP FACTORY LAYOUT 2ND CROSS	1	1	7.40	1.80	0.10	1.33			
	ARGA LAYOUT 3RD CROSS	1	1	8.00	2.00	0.10	1.60			
	UVANESHWARI NAGARA 11TH CROSS	1	1	6.00	1.80	0.10	1.08			
	AR MARAMMA TEMPLE	1	1	4.40	1.80	0.10	0.79			
				Total Qty			279.66	Cum	7189.45	20,10,576.42
1	Basic Rate	6670.0								
2	Old cement Rate(per Bag)	245.3								
3	cement constant in kgs	300.0								
4	Cement Cost in Basic Rate(2*3/50)	1471.9								
5	New Cement Rate	264.06								
6	New Cement Cost in Basic Rate(3*5/50)-per bag	1584.36								
	Finished Rate(1-4+6)	6782.5								
	A.W 6%	407.0								
	TOTAL RATE	7189.45								
34.10	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar & edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13- do - with cement mortar 1:6 **(P.No. 255/ I. No. 34.10 of CSR 2018-19)**									
	FOR DRAIN									
	DRAIN NEAR DHANANJAYA HOUSE	2	1	55.00	0.45	2.50	123.75			
	NEW CD									
	VIJAYALAXMI LAYOUT 1ST CROSS	2	1	5.50	0.45	0.60	2.97			
	PHOENIX 2ND CROSS	2	1	5.00	0.45	0.60	2.70			
	SOAP FACTORY LAYOUT 2ND CROSS	2	1	7.40	0.45	0.60	4.00			
	NISARGA LAYOUT 3RD CROSS	2	1	8.00	0.45	0.60	4.32			
	BHUVANESHWARI NAGARA 11TH CROSS	2	1	6.00	0.45	0.60	3.24			
	NEAR MARAMMA TEMPLE	2	1	4.40	0.45	0.60	2.38			
				Total Qty			143.35	Cum	6158.87	8,82,885.62
1	Basic Rate	5784.0								
2	Old cement Rate(per Bag)	245.3								
3	cement constant in kgs	70.0								
4	Cement Cost in Basic Rate(2*3/50)	343.4								
5	New Cement Rate	264.06								
6	New Cement Cost in Basic Rate(3*5/50)-per bag	369.684								
	Finished Rate(1-4+6)	5810.3								
	A.W 6%	348.6								
	TOTAL RATE	6158.87								
28.8.2	KSRRB M2200- TMT/MS Bar Reinforcement KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500 **(P.No. 229/ I. No. 28.8.2 of CSR 2018-19)**									
		279.66		X	50.00	KG/CUM	13,982.83	Kgs		

Description Of item of work	Nos	Measurements Length	Breath	Depth	Quantity	Units	Rate	Amount
2	3	4 5	6	7	8	9	10	11
					13.98	TONNE		
					13.98	TONNE	72326.98	10,11,235.50
Basic Rate	68233.0							
A.W 6%	4093.98							
TOTAL RATE	72326.98							

Providing & fixing Precast RCC slab of 100mm thick for drain in cement concrete 1:1:0.3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortar including from work lift charges, curing and concrete finished surface on both side etc., (APPROVED DATA RATE COPY ATTACHED)

ERING SLAB FOR DRAIN

V DRAIN DRAIN

NJUNATHANAGARA NEW (W0649)	2	1	170.00	0.90	306.00			
ENCE COLONY 1STMAIN 1ST CROSS	2	1	25.00	0.90	45.00			
GALGUNTE 25TH CROSS	2	1	150.00	0.90	270.00			
				Total Qty	621.00	Sqm	1615.00	10,02,915.00

Providing & Fixing Precast RCC slab of 250mm thick for culverts made of plain/reinforced cement concrete desigh mix M25 with OPC @ 340 Kgs with 20mm and down size graded granite metal course aggregates @ 0.70 cum and fine aggregates @ 0.47 cum. with super plasticizer @ 3lts confirming to 189103-1999 Reaffirmed-2008m open foundation complete as per drawing and technical specification including cost of all materials, Labour, HOM curing form works, scaffoiding and centering complete as per specification and pointing for joints 1:3 cement mortor including form work. lift charges, curing and concrete finished surfacess on both sides etc , complete and as per the direction of Engineer in- Charge (APPROVED DATA RATE COPY ATTACHED)

OVERING SLAB FOR NEW CD

JAYALAXMI LAYOUT 1ST CROSS	1	1	5.50	1.50	8.25			
PHOENIX 2ND CROSS	1	1	5.00	1.50	7.50			
SOAP FACTORY LAYOUT 2ND CROSS	1	1	7.40	1.50	11.10			
NISARGA LAYOUT 3RD CROSS	1	1	8.00	1.80	14.40			
BHUVANESHWARI NAGARA 11TH CROSS	1	1	6.00	1.50	9.00			
NEAR MARAMMA TEMPLE	1	1	4.40	1.20	5.28			
				Total Qty	55.53	Sqm	3306.14	1,83,589.95

37.56 Removing and resetting of footpath slab **(P.No. 270/ I. No. 37.56 of CSR 2018-19)**

MANJUNATHANAGARA 1ST TO 10TH CROSSS (W0506)	2	1	260.00	0.90	468.00			
MANJUNATHANAGARA 2ND CROSSS (W0506)	2	1	256.00	0.75	384.00			
MANJUNATHANAGARA 3RD CROSSS (W0502)	2	1	258.00	0.75	387.00			
MANJUNATHANAGARA 4TH CROSSS (W0506)	2	1	269.00	0.75	403.50			
MANJUNATHANAGARA 5TH CROSSS (W0493)	2	1	280.00	0.75	420.00			
MANJUNATHANAGARA 6TH CROSSS (W0496)	2	1	322.00	0.75	483.00			
MANJUNATHANAGARA 7TH CROSSS (W0493)	2	1	293.00	0.75	439.50			
MANJUNATHANAGARA 8TH CROSSS (W0493)	2	1	368.00	0.75	552.00			
				Total Qty	3537.00	Sqm	208.82	7,38,596.34
Basic Rate	197.0							
A.W 6%	11.82							

Item code	Description Of item of work	Nos	Measurements Length	Breath	Depth	Quantity	Units	Rate	Amount
	2	3 4	5	6	7	8	9	10	11
	TOTAL RATE	208.82							
22.6.1	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road ITEM no. 17.4 , KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (15 KM lead taken (PWD BCSR 2018-19, P - 136, I - 17.1 and as per lead statement in SR 18-19 P - 140)								
	QTY AS IN I NO 1					2,653.93			
	Total Qty					2653.93	Cum	157.09	4,16,910.39
	Basic Rate	2.0	TONNE/KM						
	average weight in ton/cum for earth	1.3	TONNE/CUM						
	add loading & unloading item No 17.1 KSRRB M 100-1	57.0	CUM						
	add loading & unloading item No. 17.1 KSRRB M 100-1	(2 *1.30 *25 + 57) = 148.20							
	Basic Rate	148.2							
	A.W 6%	8.892							
	TOTAL RATE	157.1							

ADMINISTRATIVELY SANCTIONED FOR 90.00 Lakhs
(Rupees Ninety Lakhs rupees only.....
.....
Under the Head of Account P-3726 Pond.....
.....
.....
Registered as no EE(D.D.)/AS.....Subject to conditions contained in Enclosed Memo
No. EE/DD/AS/123/19-20 Dt: 10/09/20

JE/AE. Exe. Engg (DASARAHALLI) BUMP

Technically Sanctioned For Rs: 90.00 Lakhs
Rs. In Words Ninety Lakhs only.
.....
Under P-3726 Zonal public works
Job Code No. 01H-20-000112
Registered as SE No. 92 Dt: 33/3/10/20 subject to conditions contained in Enclosed Memo No. 92 Dt 3/10/20

AE JE TA SE(D)

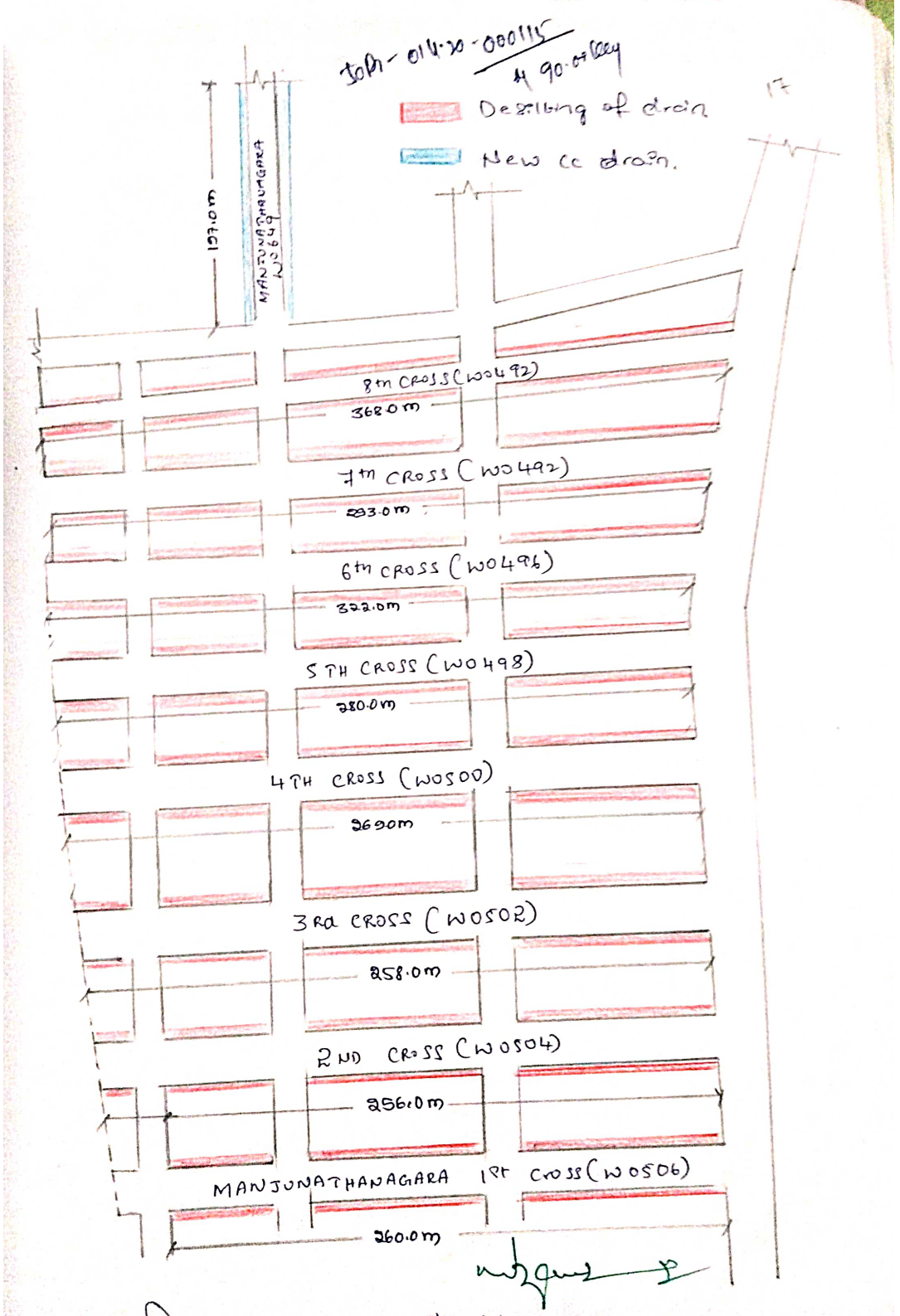
em de	Description Of item of work	Nos		Measurements Length	Breath	Depth	Quantity	Units	Rate	Amount
	2	3	4	5	6	7	8	9	10	11
10	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) **(P.No. 176/ I. No.22.6.1 of CSR 2018-19)**									
	OAD									
	R MARAMMA TEMPLE	1	1	18.30	4.00	0.15	10.98			
		1	1	13.05	1.50	0.15	2.94			
		1	1	7.50	1.50	0.15	1.69			
				Total Qty			15.60	Cum	5354.06	83,543.41
	Basic Rate	4916.0								
	Old cement Rate(per Bag)	245.3								
	cement constant in kgs	360.0								
	Cement Cost in Basic Rate(2*3/50)	1766.2								
	New Cement Rate	264.06								
	New Cement Cost in Basic Rate(3*5/50)-per bag	1901.232								
	Finished Rate(1-4+6)	5051.0								
	A.W 6%	303.1								
	TOTAL RATE	5354.06								

	Total amount		7922734.67
	ADD 12% GST		950728.16
	TENDER PREMIUM, MISC AND ROUNDOFF		126537.17
	TOTAL AMOUNT IN RS		9000000.00

Assistant Engineer
AE-14

Assistant Executive Engineer
T Dasarahalli Sub- Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P


Job-014-20-000115
& 90-day key
Desilting of drain
New cc drain.
MANJUNATHANAGARA
1270m
8th CROSS (WO492)
368.0m
7th CROSS (WO494)
293.0m
6th CROSS (WO496)
322.0m
5TH CROSS (WO498)
280.0m
4TH CROSS (WO500)
269.0m
3RD CROSS (WO502)
258.0m
2ND CROSS (WO504)
256.0m
MANJUNATHANAGARA 1ST CROSS (WO506)
260.0m

CONSTRUCTION OF C.C DRAIN FROM MARAMMA TEMPLE SORROUNDING AND CONSTRUCTION OF CC DRAIN AT DHANANJAYA HOUSE IN MANJUNATHA NAGARA GOVT. HIGHER PRIMARY SCHOOL SORROUNDINGS IN BAGALAGUNTE WARD NO-14.

JA-014-20-000115

490-Rs/Cay

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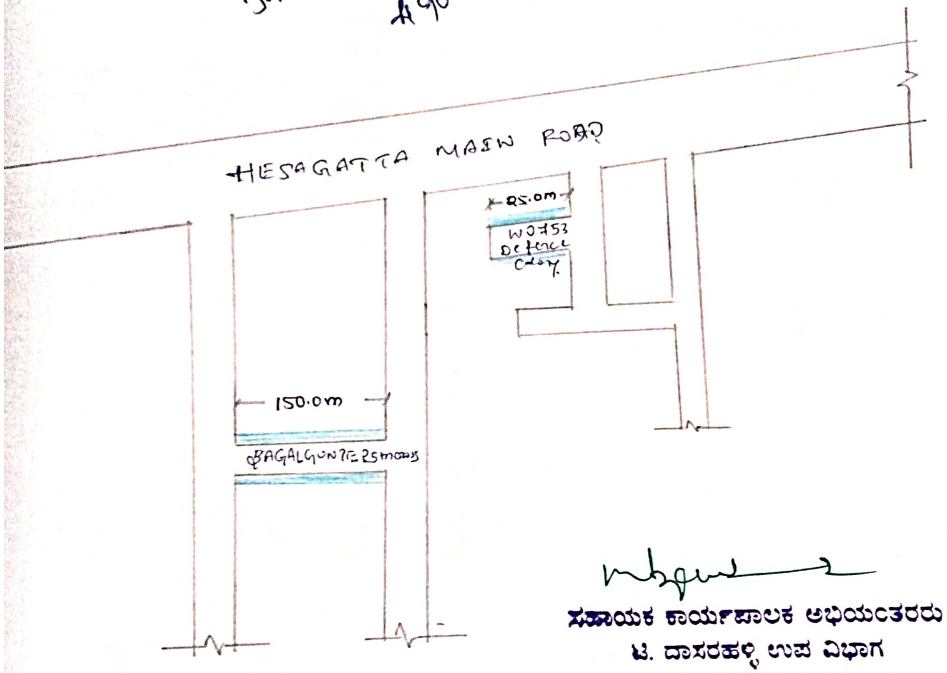

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ಬೆಂಗಳೂರು-560073.

AC